

Jonathan Browning Shop.



RIVER LEAF MODELS, LLC

Thank you for purchasing the J.B Gunsmith Shop kit. Your kit includes everything you need to produce the final assembly. We recommend using “Carpenter’s Glue” available in a number of different brands, including Elmer’s. We also recommend using a steel square for aligning your walls for perpendicularity, although a drafting triangle will also suffice. A sharp X-Acto knife and a sanding tool – either fine sandpaper or a nail file will be suitable.

Step #1 –Glue the Four Wall Together.

Apply Carpenters Glue to the edges of the side walls (B & D). Again, do not use an excessive amount of glue or the glue will seep out the sides. Apply a thin bead of glue and spread it to a thin coat. You may also opt to apply a bead of glue to the inside surface of the front and side walls (A & C).

Carpenters Glue will afford you the time to perfectly align your walls, as there is some “setup” time. I recommend you do one corner at a time in one sitting. This will give you the flexibility to adjust the perpendicularity of the structure. Once you have your walls all secured, I recommend letting the glue dry for 24 hours. While the glue is setting, you can use the roof panel as a checking tool to ensure the building corners are perpendicular. You may want to use clamps positioned with the clamping faces on the front and rear of the building to form a tight glued seal.

On structures made of lighter or less sturdy material, it is common practice to run a square brace tucked into each quarter using 1/4” or 3/8” square wood. On River Leaf Models, this is not necessary; however, the option is there to do so if you wish. Glue the other side of the chimney using the chimney block supplied with the kit. Be careful to glue it with the engraved surface toward the roof and keep it flush.

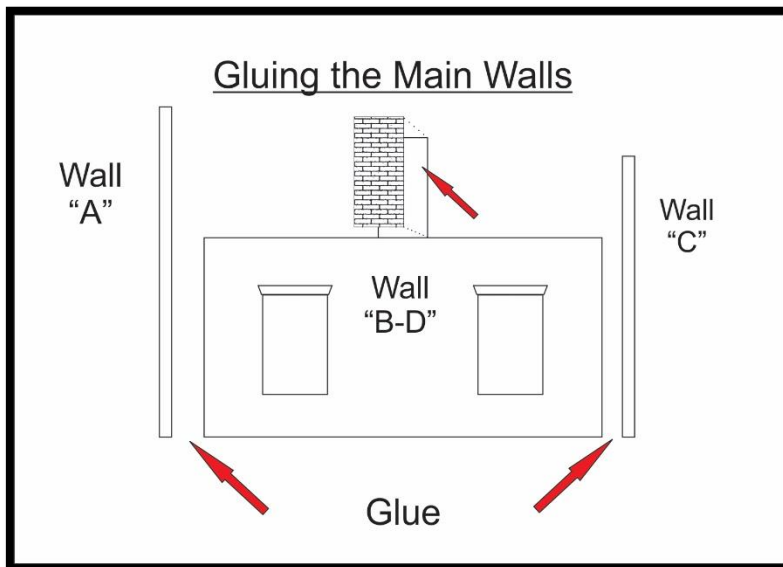


FIGURE 1 – GLUING YOUR STRUCTURE WALLS

Step #2 –Glue the strip of brick facing to the side of the front wall.

The walls of your kit are cut from MDF with the brick pattern etched to the front surface. As a result the side of the wall section of the front and rear of the building (A-C) require adding the brick pattern. As show in the Figure 2, apply the supplied brick pattern strip to the sides of the front wall using carpenter glue.

Be careful to not use excessive amount of glue when applying the strip. Glue will seep from the side. Apply a thin bead down the center of the side surface of the front wall and spread it evenly over the area. Apply the brick pattern strip on the glued area.

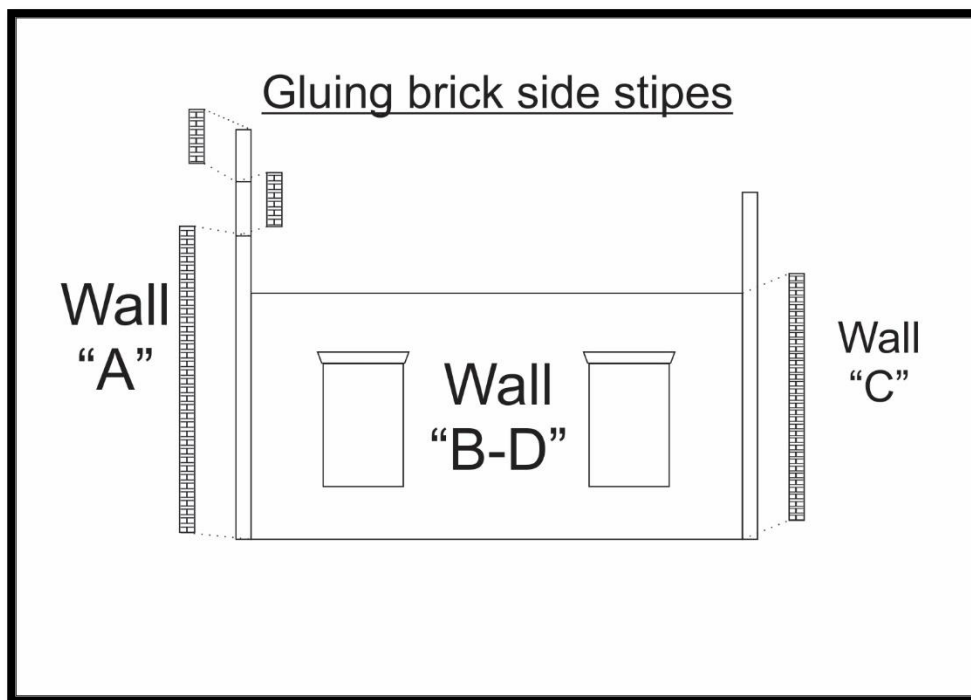


FIGURE 2 – APPLYING BRICK PATTERN STRIP

Repeat the procedure with the chimney using the brick patter supplied for the chimney.

Step #3 - Painting the Base Structure.

There are a number of methods for painting the structure and experienced modelers will find the structure is well suited to any number of painting and detailing techniques. Here is a technique I believe will deliver excellent results.

Once the glue has completely dried, you will find you have a very sturdy base on which to work. To achieve the effect of mortar lines between brick layers, paint the entire structure with an undercoat of the color you want for your mortar lines. White is a logical choice as it gives you distinctive mortar lines and provides a consistent undercoat base for the brick surface of the building. Paint the entire structure, concentrating on the engraved mortar lines and let the building thoroughly dry.

Having the building completely dry is an important step, as your second step is to paint the brick surface and you want to avoid streaking. After the building is completely dry, paint your desired color on the brick surface. You want to avoid getting paint in the mortar lines. Use acrylic paint in your desired color using a “dry brush” technique. Dry brushing calls for using a minimal amount of paint on your brush and painting the surface lightly – preferably with a broader brush. This technique will have the paint cover the brick surface without seeping into your mortar lines.

In order to achieve a “dry brush” after dipping your brush into paint, whip a few strokes on your backdrop paper or other surface. This will remove the excess paint from the brush. Dry brushing may require you to apply a few coats. Don’t try to achieve full coverage in one coat. Dry brushing is a process in which you build your color through a series of layers. By following these instructions, your finished product will have a distinctive mortar line and a pleasing brick surface color. Once your structure is painted and completely dry, you can move on to adding the details.

Please if are you not familiar with any technique please call or email us for assistance.

MDF Building doesn’t need any kind of primer or wood sealer.

Step #4 – Front Roof Support Installation

The roof is composed of 3 parts. 2 gable side roof and the front support. Glue the front support (in blue in the picture) from inside the wall “A” and keep it Symmetrically aligned as show in the figure 3. The support edges will rest on the wall “B” and “D”. Let it dry well.

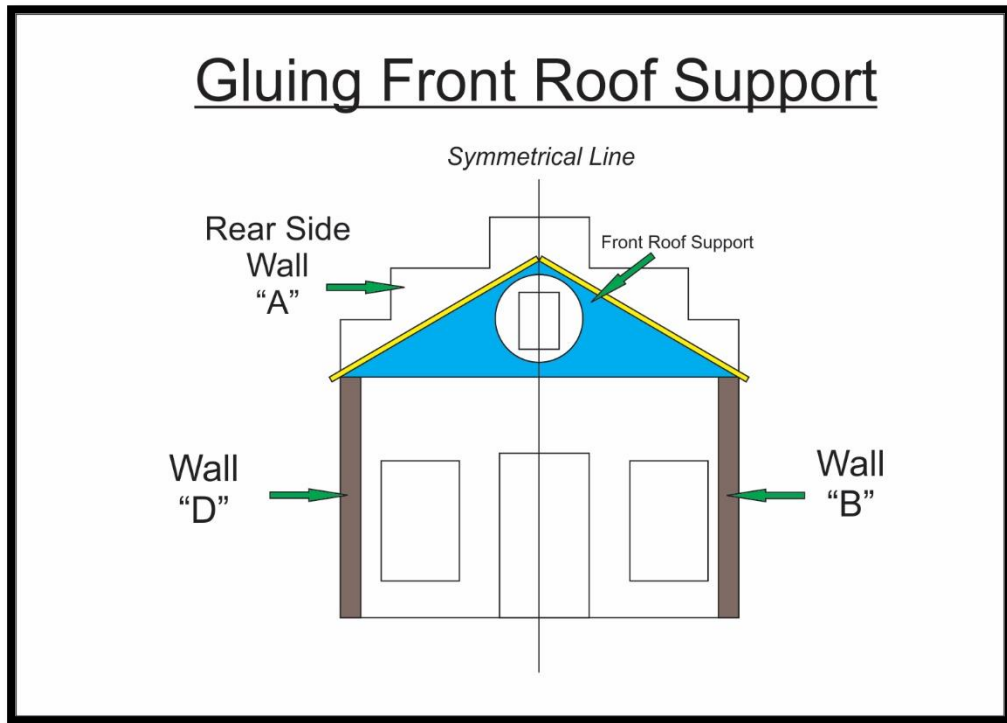


FIGURE 3 – FRONT SUPPORT ASSEMBLY

Step #5 – Installing the Shingles and Roof

Before install the roof on the model, we recommend to glue the shingles first. This procedure is easier when the roof is on a flat surface.

Note:

Check the chimney roof side position, before install the shingle to be sure is not upside down.

Each shingle stripe is enough to cover the roof length and we will overlap each other in 1/8". Start applying a small amount of glue on one of the roof side in the bottom and glue the shingle stripe in the edge as show in the figure 4.

River Leaf made shingles cuts 1/8" that will help you to align the overlap properly. 20 Shingle stripes are necessary to cover one of the roof side. After dry well cut the chimney spot.

After both side are done, proceed to put the roof on your model and gluing accordingly and apply the roof top cover stripe to cover the two roof seams.

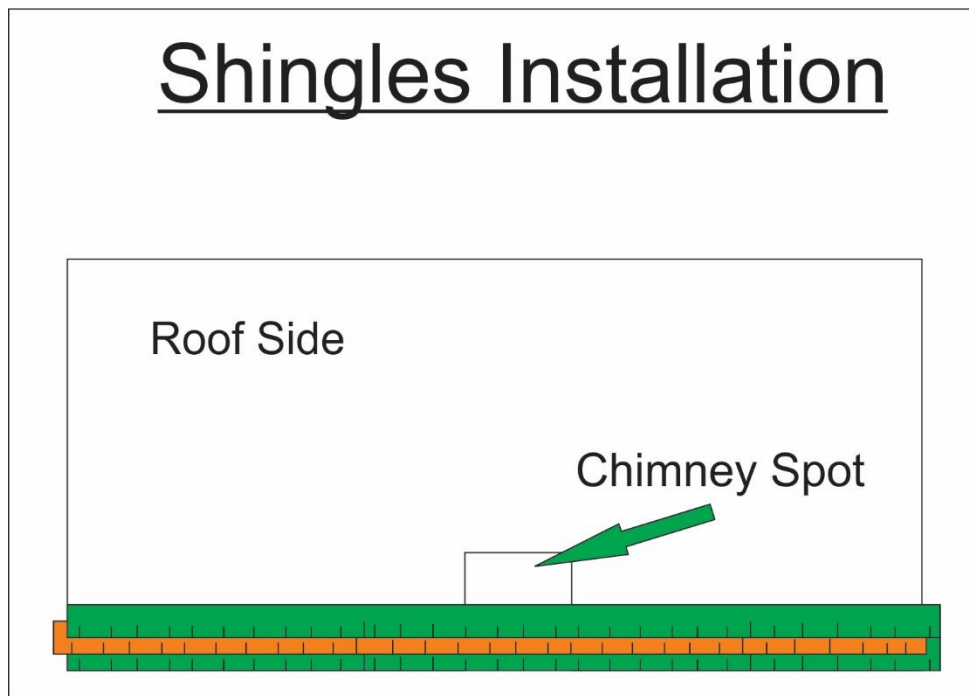


FIGURE 4 – Shingles installation

Step #6 – Applying Windows, Doors and Details

After painting, place windows as shown. If you find the fit to be tight, a light sanding on either side should suffice for a good fit. Apply the window glass and insert into wall. The front view shown in Figure #4 show window, door and detail placement. Repeat the same with the side and back window.

Top wall covers are already cut in the installation order. Using a knife remove the pieces, apply a little amount of glue to avoid glue strew and glue it over the end on side walls. The front and side views shows in Figure #4 the top wall cover position. Paint the front sign and them apply the stickers provides for the edges signs.

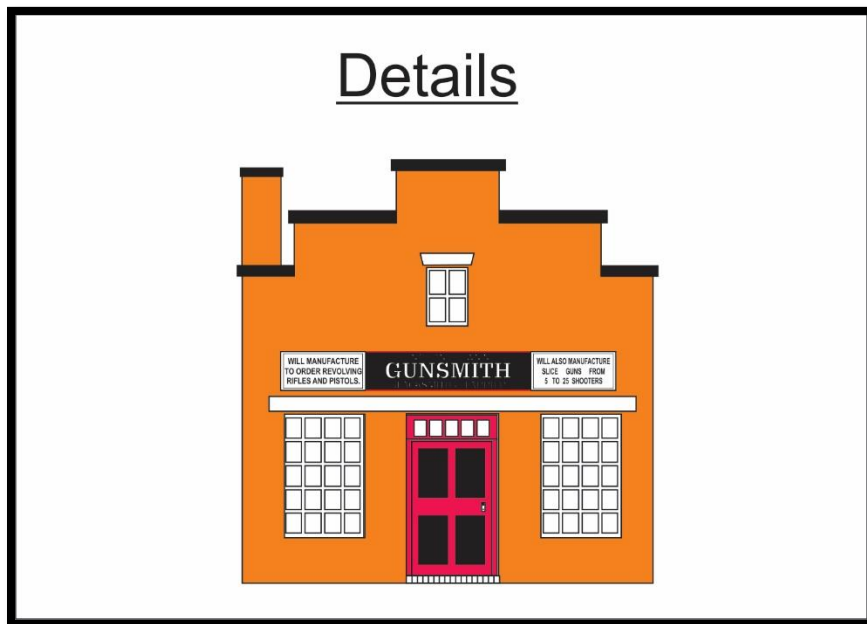


FIGURE #4 – WINDOW, DOOR & DETAIL PLACEMENT

Congratulations! Your building is complete!

With your building now finished, you may opt to further enhance the structure using weathering techniques such as chalk or misting. Keep in mind weather runs from top to bottom and will be concentrated in areas where water may gather and run off, like around windows. Likewise, you may have weather “splash up” along the base. We will be posting tips on aging and weathering on our website in the near future.

If you have questions on construction or suggestions, please contact us by email at riverleafmodels@gmail.com

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